

Title (en)  
APPARATUS AND METHOD FOR COLOR CALIBRATION

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR FARBKALIBRIERUNG

Title (fr)  
APPAREIL ET PROCÉDÉ DE L'ÉTALONNAGE DES COULEURS

Publication  
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Application  
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Abstract (en)  
[origin: WO2016188549A1] The present invention relates to an apparatus and a method for mapping the colors of at least one source image to the colors of a reference image. The apparatus comprises a histogram matching unit (52) adapted to match the histogram of the source image to the histogram of the reference image so as to generate a histogram matched image of the source image, a probability distribution computation unit (54) adapted to generate a conditional probability distribution of the reference image, and an outlier detection unit (55) adapted to detect outliers in the histogram matched image on the basis of the conditional probability distribution.

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